UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

### NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/09/2004

Klaus H. Wiesmann Battelle Memorial Institute 505 King Avenue Columbus, OH 43201-2693

EXAMINER	
HOEY, BETSEY MORRISON	/
	ĺ

PAPER NUMBER

ART UNIT

DATE MAILED: 03/09/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,344	08/02/2001	Sherwood G. Talbert	12524	6020

TITLE OF INVENTION: THERMAL WATER TREATMENT

Г	APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
L	nonprovisional	YES	\$665	\$300	\$965	06/09/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where

indicated unless corrected by maintenance fee notification	respondence including the re- below or directed otherwise	in Block 1, by (a) specifyi	ng a new cor	respondence address	; and/or (b) indicating a sepa	rate "FEE ADDRESS" for
	E ADDRESS (Note: Legibly mark-up	with any corrections or use Block I	F	apers. Each addition	f mailing can only be used for his certificate cannot be used for all paper, such as an assignme	or domestic mailings of the for any other accompanying int or formal drawing, must
	90 03/09/2004		ł	iave its own certifical	te of mailing or transmission.	
Klaus H. Wiesma Battelle Memorial I 505 King Avenue	Institute		I S a t	hereby certify that to states Postal Service addressed to the Ma	ertificate of Mailing or Trans his Fee(s) Transmittal is being with sufficient postage for fir ill Stop ISSUE FEE address PTO, on the date indicated belonger	g deposited with the United st class mail in an envelope above, or being facsimile
Columbus, OH 432	.01-2093		[			(Depositor's name)
			ŀ			(Signature)
			Ī			(Date)
APPLICATION NO.	FILING DATE	FIRST NA	MED INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,344	08/02/2001		ood G. Talber		12524	6020
·	HERMAL WATER TREAT		ood G. Taloo	•	,	
IIILE OF INVENTION: II	HERMAL WATER TREAT	MICIAI				
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUI	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665		\$300	\$965	06/09/2004
EXAM	INIED	ART UNIT	CL.	ASS-SUBCLASS	٦	
	Y MORRISON	1724		210-175000		
					1: -4 (1) 4b -	
1. Change of correspondence CFR 1.363).	e address or indication of "Fo	name	s of up to 3	the patent front page registered patent	attorneys or 1	
Change of corresponde	ence address (or Change of C 22) attached.	Correspondence agents		tively, (2) the name member a registered		
D "Fee Address" indicati	on (or "Fee Address" Indicat	tion form		nes of up to 2 regis s. If no name is liste		
PTO/SB/47; Rev 03-02 Number is required.	or more recent) attached. Us	of a Customer   uttorn	e printed.	, II no name is not	3	· -
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON THE PAT	ENT (print o	r type)		
PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN	d to the USPIO or is being	submitted under separate co	ver. Complen	patent. Inclusion of on of this form is NC Y and STATE OR CC	assignee data is only appropri. T a substitute for filing an ass DUNTRY)	ate when an assignment has ignment.
Please check the appropriate	e assignee category or catego	ories (will not be printed on	the patent);	☐ individual ☐	corporation or other private g	roup entity
4a. The following fee(s) are	enclosed:	4b. Payme	nt of Fee(s):			
¹ Issue Fee				ount of the fee(s) is e		
□ Publication Fee		•	-	card. Form PTO-203	s is attached. charge the required fee(s), or	credit any overnayment to
☐ Advance Order - # of	Copies	Deposit	Account Nur	nber	(enclose an extra	copy of this form).
Director for Patents is reque	ested to apply the Issue Fee a	nd Publication Fee (if any)	or to re-apply	any previously paid	issue fee to the application ide	entified above.
(Authorized Signature)		(Date)				
		D 'D . 1				
other than the applicant; interest as shown by the re	d Publication Fee (if require a registered attorney or age cords of the United States P	ent; or the assignee or of atent and Trademark Office	ner party in :			
estimated to take 12 minus completed application for case. Any comments on suggestions for reducing Patent and Trademark 22313-1450 DO NOT	ation is required by 37 CFF by the public which is to fix its governed by 35 U.S.C. tates to complete, including gran to the USPTO. Time with amount of time you this burden, should be sent Office, U.S. Department SEND FEES OR COMPLIF for Patents, Alexandria, Vii	athering, preparing, and su ill vary depending upon the require to complete this to to the Chief Information C of Commerce, Alexandre TED FORMS TO THIS	e individual form and/or Officer, U.S.	·		
Under the Panerwork R	eduction Act of 1995, no unless it displays a valid OM	persons are required to re	espond to a		·	



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,344	08/02/2001	Sherwood G. Talbert	12524	6020
75	90 03/09/2004		EXAM	INER
Klaus H. Wiesmann			HOEY, BETSEY MORRISON	
Battelle Memorial	Institute	ART UNIT	PAPER NUMBER	
505 King Avenue Columbus, OH 432	01-2693		1724	
			DATE MAILED: 03/09/200	4

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.